

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"20040056273".pn.	USPAT; EPO; JPO	OR	OFF	2004/08/01 07:31
S2	1	"20040056273".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/29 12:40
S3	945	(257/194).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/01 07:59
S4	6	257/194.ccls. and (zno or (Zinc adj oxide))	USPAT; EPO; JPO	OR	OFF	2004/08/02 18:15
S5	38	hemt and (zno or (Zinc adj oxide))	USPAT; EPO; JPO	OR	OFF	2004/08/02 14:48
S6	11	hemt and (zno or (Zinc adj oxide)) and channel and source	USPAT; EPO; JPO	OR	OFF	2004/08/01 08:18
S7	851	hemt and channel and source	USPAT; EPO; JPO	OR	OFF	2004/08/01 08:18
S8	761	hemt and channel and source and drain	USPAT; EPO; JPO	OR	OFF	2004/08/01 08:19
S9	6	("6140169" "6190508" "6391727" "6531718" "6492669" "6528370" "2001/0023964").PN.	USPAT	OR	OFF	2004/08/01 08:24
S10	4	("4030942" "4642879" "4843024" "5447874").PN.	USPAT	OR	OFF	2004/08/01 08:27
S11	9	"6140169".URPN.	USPAT	OR	OFF	2004/08/01 08:28
S12	7	("4853753" "4926232" "4929984" "4959696" "5031005" "6060723" "6229153").PN.	USPAT	OR	OFF	2004/08/01 08:54
S13	32	((high adj frequency) with (mosfet or transistor)) and (zno or (Zinc adj oxide))	USPAT; EPO; JPO	OR	OFF	2004/08/01 09:12
S14	1733	transistor and (zno or (Zinc adj oxide))	USPAT; EPO; JPO	OR	OFF	2004/08/02 14:48
S15	791	("257"/\$.ccls. or "438"/\$.ccls.) and transistor and (zno or (Zinc adj oxide))	USPAT; EPO; JPO	OR	OFF	2004/08/02 14:50
S16	282	("257"/\$.ccls. or "438"/\$.ccls.) and transistor and (zno or (Zinc adj oxide)) and gallium	USPAT; EPO; JPO	OR	OFF	2004/08/02 14:51
S17	174	("257"/\$.ccls. or "438"/\$.ccls.) and transistor and (zno or (Zinc adj oxide)) and gallium and gate	USPAT; EPO; JPO	OR	OFF	2004/08/02 14:53

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S18	134	("257"/\$.ccls. or "438"/\$.ccls.) and transistor and (zno or (Zinc adj oxide)) and gallium and gate and source and drain	USPAT; EPO; JPO	OR	OFF	2004/08/02 15:32
S19	8	("3283221" "3304469" "3391354" "3493812" "3541678" "3590471" "3671820" "3739240").PN.	USPAT	OR	OFF	2004/08/02 15:16
S20	50	"4065781".URPN.	USPAT	OR	OFF	2004/08/02 15:16
S21	1	("6593193").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/02 16:03
S22	1	("6140169").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/02 16:06
S23	114	channel with (zno or (zinc adj oxide))	USPAT; EPO; JPO	OR	OFF	2004/08/02 16:38
S24	2	"6586781"	USPAT; EPO; JPO	OR	OFF	2004/08/02 16:14
S25	1	("6521961").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/02 16:14
S26	1	("6555850").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/02 16:28
S27	1	("6469315").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/02 16:28
S28	7	("4233573" "4582395" "5532062" "5625199" "5744864" "6057561" "6410162").PN.	USPAT	OR	OFF	2004/08/02 16:36
S29	1	"56125868".pri.	USPAT; EPO; JPO	OR	OFF	2004/08/02 17:19
S30	1	("6469315").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/02 17:30
S31	1	("4677457").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/02 17:30
S32	56	257/194.ccls. and passivation and source and gate	USPAT; EPO; JPO	OR	OFF	2004/08/02 18:17
S33	649	257/194.ccls. and source and gate	USPAT; EPO; JPO	OR	OFF	2004/08/02 18:56

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S34	11	("5471073" "5486710" "5530272" "5548144" "5585289" "5880483" "5886373" "5942792" "6060734" "6100547" "6180968").PN.	USPAT	OR	OFF	2004/08/02 18:21
S35	1	"20040056273".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/02 18:36
S36	205	c adj surface adj substrate	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/02 18:37
S37	1	((c adj surface adj substrate) with (zinc adj oxide or zno) with substrate) and 257/194.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/02 18:37
S38	3	((c adj surface adj substrate) with (zinc adj oxide or zno) with substrate)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/02 18:39
S39	0	((c surface adj substrate) with (zinc adj oxide or zno) with substrate)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/02 18:40
S40	11	(c adj surface) with substrate with (zinc adj oxide or zno)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/02 18:40
S41	0	257/194.ccls. and source and gate and movcd	USPAT; EPO; JPO	OR	OFF	2004/08/02 18:56
S42	123	257/194.ccls. and source and gate and mocvd	USPAT; EPO; JPO	OR	OFF	2004/08/02 19:02
S43	5	257/194.ccls. and source and gate and mocvd and (gate adj insulating adj film)	USPAT; EPO; JPO	OR	OFF	2004/08/02 19:15
S44	1	257/194.ccls. and source and gate and (gate adj insulating adj film) and dummy	USPAT; EPO; JPO	OR	OFF	2004/08/02 19:17
S45	1064	(257/194).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/11 10:46

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S46	34	("3634647" "4518846" "4550411" "4553022" "4812326" "4813373" "4818712" "4996165" "5001534" "5034604" "5185274" "5187110" "5253266" "5318916" "5404028" "5412233" "5471078" "5558720" "5569944" "5648666" "5668388" "5698871" "5717228" "5729033" "5734193" "5804487" "5892248" "5943577" "5981985" "5994194" "6031255" "6081003" "6384499" "6465870").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/11 12:48
S47	50	(high adj electron adj mobility adj transistor) and (gate adj insulating adj (layer or film))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/11 12:53
S48	3	(gate adj insulating adj (layer or film)) with encloses with gate adj electrode	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/11 12:56
S49	0	(gate adj insulating adj (layer or film)) with bounds with gate adj electrode	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/11 13:00
S50	44	(gate adj insulating adj (layer or film)) with surrounds with gate adj electrode	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/11 13:19
S51	1	("4772925").PN.	USPAT; EPO; JPO	OR	OFF	2005/05/11 13:34
S52	310	(257/284).CCLS.	USPAT; EPO; JPO	OR	OFF	2005/05/11 15:50
S53	67	gate with enclose with (dielectric or insulation or insulating)	USPAT; EPO; JPO	OR	OFF	2005/05/11 16:08
S54	334	(257/20).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/11 16:08
S55	5	("4236165" "4807001" "4942438" "5049951" "5060031").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/11 16:17
S56	10	("5302840").URPN.	USPAT	OR	OFF	2005/05/11 16:29
S57	970	(257/288).CCLS.	USPAT; EPO; JPO	OR	OFF	2005/05/11 16:29
S58	155	(gate adj insulating adj film) with surround with gate	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/29 12:46
S59	1929	(257/192,194).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/29 12:49

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S60	26	257/192,194.ccls. and (zno or (zinc adj oxide))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 12:50
S61	1	257/192,194.ccls. and (channel with (zno or (zinc adj oxide)))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 12:51
S62	1	438/167,172.ccls. and (channel with (zno or (zinc adj oxide)))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 12:52
S63	196	(channel with (zno or (zinc adj oxide)))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 12:58
S64	1	("6727522").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/29 12:53
S65	7	("4233573" "4582395" "5532062" "5625199" "5744864" "6057561" "6410162").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/29 12:56
S66	52	(channel with (zno or (zinc adj oxide))) and gate and semiconductor	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 13:00
S67	1	"20030218221".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 13:00
S68	3	("5530267" "6057561" "6156581").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/29 13:32
S69	1	hemt and (zinc adj oxide) with channel	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/29 13:32
S70	1	(high with mobility with (transistor or mosfet)) and (zinc adj oxide) with channel	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/29 13:34
S71	0	(mgzno with (gate adj insulating adj layer))	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/29 13:35
S72	2520	(257/410 or 438/216,261,421,591, 595).ccls. and gate	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/29 13:37
S73	30	(257/410 or 438/216,261,421,591, 595).ccls. and gate and ((zinc adj oxide) or zno)	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/29 13:50
S74	30	(257/410 or 438/216,261,421,591, 595).ccls. and gate and ((zinc adj oxide) or zno)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2005/08/29 13:51

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S75	0	(257/410 or 438/216,261,421,591, 595).ccls. and gate and mgzno	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2005/08/29 13:51
S76	0	(257/410 or 438/216,261,421,591, 595).ccls. and gate and magnesium adj zinc adj oxide	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2005/08/29 13:52
S77	0	(257/410 or 438/216,261,421,591, 595).ccls. and gate and (magnesium adj zinc adj oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2005/08/29 13:52
S78	124	(magnesium adj zinc adj oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2005/08/29 13:52
S79	11	(magnesium adj zinc adj oxide) and gate	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2005/08/29 14:03
S80	781	(257/410).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/29 14:03
S81	1	257/410.ccls. and aluminum adj gallium adj nitride	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 14:04
S82	0	257/410.ccls. and "al.sub.\$5ga.sub.\$4n.sub.\$5"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 14:05
S83	0	257/410.ccls. and "al.sub\$5ga.sub\$4n.sub\$5"	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 14:05
S84	0	257/410.ccls. and mgzno	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 14:05
S85	53	257/410.ccls. and aluminum and gallium	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 14:05
S86	11	("4477311" "5929467" "5933705" "6064082" "6072203" "6140169" "6177685" "6261859" "6316793" "6316820" "6426264").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/08/29 14:26
S87	1	("4677457").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/29 14:49

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S88	1087	(257/194).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/29 15:23
S89	1	"20020109135".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 16:04
S90	1	("6373098").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/29 15:25
S91	1	"2002016023".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 15:59
S92	1	"20020167023".pn.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 15:59
S93	14	(257/410 or 438/216,261,421,591, 595).ccls. and gate and hemt	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 16:06
S94	52	(257/410 or 438/216,261,421,591, 595).ccls. and gate and high adj mobility	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:00
S95	1	257/194.ccls. and (substrate same (csurface or (c adj surface)) same (zno or (zinc adj oxide)))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:02
S96	13	257/194.ccls. and (substrate same (zno or (zinc adj oxide)))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:02
S97	1	((257/194,192.ccls. or 438/167, 172)) and (substrate same (csurface or (c adj surface)) same (zno or (zinc adj oxide)))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:02
S98	1	((257/194,192 or 438/167,172).ccls.) and (substrate same (csurface or (c adj surface)) same (zno or (zinc adj oxide)))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:03
S99	26	((257/194,192 or 438/167,172).ccls.) and (substrate) same (zno or (zinc adj oxide))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:07
S10 0	0	csurface (substrate) same (zno or (zinc adj oxide))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:07
S10 1	0	csurface same (substrate) same (zno or (zinc adj oxide))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:07
S10 2	28	c adj surface same (substrate) same (zno or (zinc adj oxide))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:11

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S10 3	259	c adj axis same (substrate) same (zno or (zinc adj oxide))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:11
S10 4	0	c adj axis same (substrate) same (zno or (zinc adj oxide)) and 257/194.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:11
S10 5	0	c adj axis same (substrate) same (zno or (zinc adj oxide)) and 257/192.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:11
S10 6	0	c adj axis same (substrate) same (zno or (zinc adj oxide)) and 438/167,172.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:12
S10 7	66	c adj axis same (substrate) same (zno or (zinc adj oxide)) and ("257"/\$.ccls. or "438"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/08/29 17:41
S10 8	1	("4,677,457").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/08/29 17:41
S10 9	0	"20040056273".pn.	USPAT; EPO; JPO	OR	OFF	2006/04/10 17:08
S11 0	1	"20040056273".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/10 17:08
S11 1	1	("6440578").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 14:02
S11 2	1	("6390354").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 14:02
S11 3	1	("6348273").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 14:02
S11 4	1	("5965193").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 14:02
S11 5	1	("5980683").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 14:03
S11 6	1	("4756754").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 14:03
S11 7	1	("6069023").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 14:03
S11 8	65	((zno or (zinc adj oxide)) with channel) and source and drain	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 17:04

EAST Search History

S11 9	7	("4233573" "4582395" "5532062" "5625199" "5744864" "6057561" "6410162").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/04/11 15:46
S12 0	3	("5530267" "6057561" "6156581").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/04/11 17:03
S12 1	2862	(257/192,194,410).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 17:03
S12 2	1	"2002016023".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 17:04
S12 3	1	"20020167023".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 18:14
S12 4	1	("6469315").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 18:18
S12 5	2980	(438/167,172,216,261,421,591,595).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/04/11 18:18
S12 6	2309	438/167,172,216,261,421,591,595. ccls. and gate and source	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/04/11 18:18
S12 7	18	438/167,172,216,261,421,591,595. ccls. and gate and source and (zno or (zinc adj oxide))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/04/11 18:21
S12 8	65	hemt and gate and source and (zno or (zinc adj oxide))	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/04/11 18:30
S12 9	1163	257/e29.246-e29.253.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/04/11 18:31